

Express Mail No. EV 327053668 US

In the Specification:

Please replace Table 1, beginning on page 3, line 26, with the following:

TABLE 1

Homology Between SipC and IpaC

SipC MLISNVGINPAAYLNNHSSVENSSQTASQSVSAKDILNSIGI.SSSKVSDL 49
:|:.. |. .. ||| :|.|:.. .| :. .| . ::
IpaC LLLDTNKENVMEIQN....TKPTQTLYTDISTKQTQSSSETQKSQNYQQI 55 [46]

SipC GLSPTLSAPAPGVLTQTPGTITSSLKASIQNTDMNQDLNALANNVTTKAN 99
: .|.||| | .. . || | | . .: :. |.: . . .
IpaC AAHIPLNVGKNPVLTTTLND.DQLLKLSEQVQHDSEIIARLTDDKKMKDLS 104 [95]

SipC EVVQTQLREQQAEVGKFFDISGMSSSAVALLAAANTLMLTLNQADSKLSG 149
|: :| .| . :|||::||.||.|:|: .|. |:..||::
IpaC EMSHTLTPENT.....LDISSLSSNAVSLIISVAVLLSALRTAETKLSG 148 [139]

SipC KLSLVSFDAAKTTASSMMREGMNALSGSISQSALQLGITGVGAKLEYKGL 199
 .|||:|.|||.||..|...::|:|:|.|||:|..... |:||||:| ...|:
 IpaC QLSLIAFDATKSAAENIVRQGLAALSSSITGAVTQVGITGIGAKKTHSGI 198 [189]

SipC QNERGALKHNAAKIDKLTTESHSIKNVLNGQNSVKLGAEGVDSLKSLNIR 249
 :::|||:|. |. :.|.. : | .|| | ...:.....:|
 IpaC SDQKGALRKNLATAQSLEKELAGSKLGLNKQIDTNITSPQTNS..... 241 [232]

Express Mail No. EV 327053668 US

SipC KPVPMMRRKILMMRRLNLMPEPAPRKVWVLKTVINKVSLNIYILSKRLESV 299

. |:| ...| || ...: .. :|. | |.. |:

IpaCSTKFLGKNKL.....APDNISL..STEHKTS.....LSSPDISL 273 [264]

SipC ESDIRLEQNYMDITRIDS AQDADDGRSDYEELGHGRWYCRGVRARRYSG 349

...| ... :.. :...|...: ||.. |. : : .. : . ||..:

IpaC QDKIDTQRRTYELNTLSAQQKQONIGRATMETS AVAGNISTS...GGRYAS 320 [311]

SipC NV..SEQQISQVNNRVASTASDEARESSRKSTSLIQEMLKTMESINQSKA 397

..: .|| |||...: |..||: ..:|.|. .. |||..:|...:|||||.

IpaC ALEEEELISQASSKQAEASQVSKEASQATNQLIQKLLNIIDSINQSKN 370 [361]

SipC SALAAIAGNIRA 409 (SEQ. ID. NO. 1)

|| ..|||||

IpaC SAASQIAGNIRA 382 373 (SEQ. ID. NO. 18)